

**A MULTI-PROTOCOL BUS SYSTEM AND
METHOD OF OPERATION THEREOF**

ABSTRACT OF THE DISCLOSURE

A multi-protocol bus system and a method of operating the same. In one embodiment, the multi-protocol bus system includes a plurality of protocol indicators associated with an address space, each of the plurality of protocol indicators associated with a segment of the address space and configured to indicate a particular bus protocol. The multi-protocol bus system further includes a bus protocol selection subsystem configured to employ control lines to implement one of the particular bus protocols in accordance with a selected one of the protocol indicators based upon an addressed segment of the address space.

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